EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	19	(("5,242,411") or ("5,250,038") or ("5,290,246") or ("5,301,686") or ("5,304,136") or ("5,352,215") or ("5,370,624") or ("5,400,798") or ("5,417,670") or ("5,501,675") or ("5,509,904") or ("5,542,932") or ("5,542,933") or ("5,755,709") or ("5,782,505") or ("5,865,806") or ("6,090,078") or ("6,379,333") or ("5,501,674")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 14:36
S3	58	(("5,242,411") or ("5,250,038") or ("5,290,246") or ("5,301,686") or ("5,304,136") or ("5,352,215") or ("5,370,624") or ("5,400,798") or ("5,417,670") or ("5,501,675") or ("5,509,904") or ("5,542,932") or ("5,542,933") or ("5,755,709") or ("5,782,505") or ("5,865,806") or ("6,090,078") or ("6,379,333") or ("5,501,674") or ("3,500,828") or ("3,670,729") or ("3,714,945") or ("3,906,930") or ("3,977,400") or ("3,994,293") or ("3,995,619") or ("4,106,491") or ("4,177,809") or ("4,200,096") or ("4,230,123") or ("4,468,224") or ("4,531,987") or ("4,549,554") or ("4,578,057") or ("4,585,435") or ("4,588,398") or ("4,664,657") or ("4,735,215") or ("4,747,831") or ("4,828,548") or ("4,874,373") or ("4,874,379") or ("4,893,635") or ("4,894,052") or ("4,907,599") or ("4,944,308") or ("4,994,042") or ("4,994,308") or ("5,041,087") or ("5,098,410") or ("5,120,319") or ("5,129,884") or ("5,136,913") or ("5,137,515") or ("5,163,913") or ("5,167,238") or ("5,238,003") or ("5581674")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 14:52
S4	3431	vascular adj access	US-PGPUB; USPAT	ADJ	ON	2007/08/20 14:52
S5	4	S4 and subhousing	US-PGPUB; USPAT	ADJ	ON	2007/08/20 14:53
S6	886	S4 and housing	US-PGPUB; USPAT	ADJ	ON	2007/08/20 14:53
S9	767	604/256.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 07:28
S10	652	604/533.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:17

EAST Search History

S11	59	vascular access and U-shape	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:18
S12	219	vascular access and U-shape$1	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:19
S13	219	vascular adj access and U-shape$1	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:19
S14	219	("vascular access") and U-shape$1	US-PGPUB; USPAT	ADJ	ON	2007/08/20 16:19
S17	50	(("20040181192") or ("5259386") or ("5728132") or ("5823961") or ("5250038") or ("5792104") or ("4784644") or ("5647846") or ("5792116") or ("6508790") or ("20040236314") or ("5658309") or ("4925448") or ("4932413") or ("4947864") or ("5779731") or ("6193670") or ("5755709") or ("5246426") or ("6179828") or ("5328480") or ("6090078") or ("5997504") or ("5807311") or ("5810789") or ("6267750") or ("6530911") or ("20050197624") or ("5188603") or ("5399168") or ("5554135") or ("5792120") or ("6045539") or ("5195962") or ("5472417") or ("5797869") or ("5989213") or ("6156016") or ("6190371") or ("6206849") or ("6296847") or ("6475207") or ("7229429") or ("20060161118") or ("20060161119") or ("5823996") or ("5833658") or ("7008412") or ("20020107475") or ("6099498")). PN.	US-PGPUB; USPAT	OR	OFF	2007/08/22 13:58
S18	3431	vascular adj access	US-PGPUB; USPAT	ADJ	ON	2007/08/22 13:59
S19	2809	S18 and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 13:59
S20	450	604/508.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:09
S21	137	604/32.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:12
S22	385	604/30.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:15
S23	281	S22 and valve	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:15
S24	265	S22 and valve and @ad<="20040310"	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:19

EAST Search History

S25	2	(("5749857") or ("5755709")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/22 14:22
S26	0	vascular access adapter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:23
S27	269	vascular access and adapter	US-PGPUB; USPAT	ADJ	ON	2007/08/22 14:23
S28	1	("5501674").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/22 16:23
S29	1506	catheter adj introducer	US-PGPUB; USPAT	ADJ	ON	2007/08/22 16:31
S30	18	catheter adj introducer and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/22 16:32
S31	205	catheter adj introducer and joint	US-PGPUB; USPAT	ADJ	ON	2007/08/22 16:39
S32	0	catheter adj placer and joint	US-PGPUB; USPAT	ADJ	ON	2007/08/22 16:39
S33	1362	catheter adj place$4 and joint	US-PGPUB; USPAT	ADJ	ON	2007/08/22 16:46
S34	141	S33 and U-shape$1	US-PGPUB; USPAT	ADJ	ON	2007/08/22 16:50
S35	112	S33 and U-shaped	US-PGPUB; USPAT	ADJ	ON	2007/08/22 16:50

S36	57	(("5,242,411") or ("5,250,038") or ("5,290,246") or ("5,301,686") or ("5,304,136") or ("5,352,215") or ("5,370,624") or ("5,400,798") or ("5,417,670") or ("5,501,675") or ("5,509,904") or ("5,542,932") or ("5,542,933") or ("5,755,709") or ("5,782,505") or ("5,865,806") or ("6,090,078") or ("6,379,333") or ("5,501,674") or ("3,500,828") or ("3,670,729") or ("3,714,945") or ("3,906,930") or ("3,977,400") or ("3,994,293") or ("3,995,619") or ("4,106,491") or ("4,177,809") or ("4,200,096") or ("4,230,123") or ("4,468,224") or ("4,531,987") or ("4,549,554") or ("4,578,057") or ("4,585,435") or ("4,588,398") or ("4,664,657") or ("4,735,215") or ("4,747,831") or ("4,828,548") or ("4,874,373") or ("4,874,379") or ("4,893,635") or ("4,894,052") or ("4,907,599") or ("4,944,308") or ("4,994,042") or ("4,994,308") or ("5,041,087") or ("5,098,410") or ("5,120,319") or ("5,129,884") or ("5,136,913") or ("5,137,515") or ("5,163,913") or ("5,167,238") or ("5,238,003")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/23 11:00
S37	767	604/256.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 07:49
S38	49	S37 and joint	US-PGPUB; USPAT	ADJ	ON	2007/08/23 07:41
S39	5	S37 and U-shape	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:12
S40	429	S37 and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/23 07:50
S41	114	S40 and vascular	US-PGPUB; USPAT	ADJ	ON	2007/08/23 07:51
S42	12	S40 and vascular.ti.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 07:52
S43	468	vascular access	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 08:22
S44	10	vascular access and catheter near connect$3	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/23 08:23
S45	472	vascular access and catheter near connect$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 08:43

EAST Search History

S46	973	vascular access and catheter near5 connect$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 08:46
S47	630	fluid near valve and catheter near5 connect$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 08:46
S48	4187	fluid near valve and ("catheter" or "guide" or "sensor") near5 connect$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 08:49
S49	202	fluid near valve and ("catheter" or "guide" or "sensor") near5 connect$3 and intravenous	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 08:49
S50	0	("2004/0181192").URPN.	USPAT	ADJ	ON	2007/08/23 08:57
S51	0	("2004/0181192").URPN.	USPAT	ADJ	ON	2007/08/23 09:00
S52	1	catheter near connect$3 and Y-shape$1 near valve	USPAT	ADJ	ON	2007/08/23 09:04
S53	25	("2706134" | "2711740" | "2769442" | "2862497" | "2964292" | "3599637" | "3800799").PN. OR ("3916948").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 09:03
S54	97	catheter near connect$3 and Y-shape$1 and valve	USPAT	ADJ	ON	2007/08/23 09:08
S55	469	251/149.1.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 09:15
S57	122	S55 and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/23 09:38
S58	181	S55 and inject$3	US-PGPUB; USPAT	ADJ	ON	2007/08/23 09:44
S59	1	("5788215").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/23 09:45
S60	208	604/167.03.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 09:46
S61	9	"5556387"	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:03
S62	7	"5749859"	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:03
S63	8	(("5556387") or ("5749859") or ("4314555") or ("5429616") or ("4496348") or ("5409461") or ("5531810") or ("5498247")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/23 10:04
S64	92	("4496348").URPN.	USPAT	ADJ	ON	2007/08/23 10:05
S65	14	S37 and L-shape$1	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:13
S66	104	S37 and ("moveable" or "swivel" or "swivelable" or "twist")	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:24

EAST Search History

S67	155	"vascular access".ti.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:30
S68	213	"vascular access".ab.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:43
S69	6	(connect$3 near catheter) and (fluid near valve) and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:47
S70	246	(connect$3 near catheter) and (fluid near valve) and ("swivel" or "move" or "twist")	US-PGPUB; USPAT	ADJ	ON	2007/08/23 10:47
S71	1885	604/264.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:00
S72	0	S71 amd catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:01
S73	1264	S71 and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:01
S74	195	S73 and joint	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:02
S75	435	S73 and valve	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:09
S76	9	S75 and swivel$4	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:03
S77	0	604/167.ccls. or 604/283.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:10
S78	0	604/167.ccls. and 604/283.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:10
S79	0	604/167.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:10
S80	0	604/167.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:10
S81	1885	604/264.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 11:11
S82	0	604/283.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:27
S83	11	housing.clm. and port.clm. and subhousing.clm. and valve.clm.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:28
S84	275	housing.clm. and port.clm. and catheter.clm. and valve.clm.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:29
S85	100	housing.clm. and port.clm. and catheter.clm. and valve.clm. and mov$4.clm.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:35
S86	2	housing.clm. and port.clm. and catheter.clm. and valve.clm. and swivel.clm.	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:37
S87	1	housing near ("swivel" or "twist") and port and catheter and valve	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:38

S88	76	male luer adapter	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:44
S89	0	vascular port and movably	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:44
S90	31	vascular port and move	US-PGPUB; USPAT	ADJ	ON	2007/08/23 12:45
S91	26	("4692146" | "4710167" | "4751926" | "4767410" | "4776839" | "4826480" | "4840190" | "5084015" | "5085644" | "5090954" | "5167638" | "5261885" | "5281205" | "5360407" | "5484409" | "5531684" | "5558641" | "5562617" | "5688237" | "5741228" | "Re31855").PN. OR ("6258058"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:31
S92	171	604/167.01.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:37
S94	8	604/167.01.ccls. and swivel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:40
S95	100	604/167.01.ccls. and ("swivel" or "adjust" or "adjustable" or "move" or "moveable")	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:51
S96	617	604/247.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:55
S97	960	604/533,544.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:56
S98	735	604/533,534.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 13:56
S99	1207	604/533,534,535,536,537,538,539. ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/23 15:24
S100	1	("6532668").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/27 08:01
S101	1	("4011685").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/27 08:01
S102	1	("6012451").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 08:21
S103	0	("swivelandhousingandcatheterand @ad<=20040310").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 08:21
S104	0	("swivelandhousingandcatheterand @ad<=20040310").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/28 08:22

S105	248	swivel and housing and catheter and @ad<="20040310"	US-PGPUB; USPAT	ADJ	ON	2007/08/28 08:22
S106	70	("3402710" | "4015601" | "4164221" | "4321914" | "4417888" | "4488877").PN. OR ("4578063"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 08:31
S107	71	("1696018" | "4092983" | "4405320" | "4496349" | "4563170" | "4578063" | "4654033" | "4668222" | "4886502" | "4895561" | "4897081").PN. OR ("5171216"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 08:41
S108	547	604/175.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 08:42
S109	161	S108 and ("swivel" or rotat$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 08:43
S110	28	("3198195" | "3310051" | "3516408" | "3765032" | "3826257" | "3882862").PN. OR ("3998222"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 08:50
S111	33	("1483964" | "2298632" | "3765032" | "3826257" | "3991756" | "4015601" | "4108173" | "4108174").PN. OR ("4164221"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 08:53
S112	71	("1696018" | "4092983" | "4405320" | "4496349" | "4563170" | "4578063" | "4654033" | "4668222" | "4886502" | "4895561" | "4897081").PN. OR ("5171216"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:28
S113	646	604/43.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:28
S114	9	S113 and injection port	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:29
S115	9	S113 and injection near port	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:29
S116	218	S113 and injection	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:31
S117	2	S113 and injection near seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:31

S118	5	S113 and injection near closed	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:31
S120	63	(US-20020010425-$ or US-20020010436-$ or US-20030023208-$ or US-20050010177-$ or US-20070083262-$ or US-20040024381-$ or US-20040127853-$ or US-20040182393-$ or US-20020000253-$).did. or (US-6755806-$ or US-6972001-$ or US-5501674-$ or US-4929235-$ or US-5267982-$ or US-5954313-$ or US-5374254-$ or US-4332369-$ or US-5300034-$ or US-6162196-$ or US-6106487-$ or US-5338314-$ or US-5250038-$ or US-5163902-$ or US-5084023-$ or US-4874378-$ or US-5158569-$ or US-6090078-$ or US-5129887-$ or US-4838873-$ or US-4045058-$ or US-6379333-$ or US-6165168-$ or US-5360413-$ or US-6632200-$ or US-5041087-$). did. or (US-4846806-$ or US-4106491-$ or US-6508790-$ or US-5788215-$ or US-5695478-$ or US-5269764-$ or US-6142446-$ or US-5261887-$ or US-5395348-$ or US-3916948-$ or US-6364170-$ or US-4496348-$ or US-5658260-$ or US-5351383-$ or US-4318401-$ or US-6017327-$ or US-6802825-$ or US-5217435-$ or US-4578063-$ or US-5400500-$ or US-4164221-$ or US-5171216-$ or US-4654033-$ or US-5147321-$ or US-3998222-$ or US-6981977-$ or US-3826257-$). did. or (US-20070161958-$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/28 09:35
S121	35	S120 and inject$3	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/28 09:35
S122	12	604/256.ccls. and vascular.ti.	US-PGPUB; USPAT	ADJ	ON	2007/08/28 13:57
S123	29	604/533.ccls. and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:12
S124	2	604/284.ccls. and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:17

EAST Search History

S125	2339	a61m5/00.ipcr.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:18
S126	0	a61m5/00.ipcr.	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:19
S127	2339	a61m5/00.ipcr.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:19
S128	23	S127 and swivel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:20
S129	1550	S127 and (move$4 or "movably")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:21
S130	1538	S127 and move$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:22
S131	504	S127 and move$4 and catheter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:23
S132	276	S127 and move$4 and catheter and @ad<="20040310"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:43
S133	172	S127 and move$4 and catheter and seal$3 and @ad<="20040310"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:57

EAST Search History

S13 4	630	604/247.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 14:57
S13 5	11	604/247.ccls. and swivel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/08/28 15:00
S13 6	18	(("5171216") or ("5665074") or ("5338314") or ("5352215") or ("20030060704") or ("5147321") or ("3998222") or ("6981977") or ("4578063") or ("6012451") or ("5300034") or ("5501674") or ("5163913") or ("5250038") or ("5954313") or ("5041087") or ("5676346") or ("5839715")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 08:08
S13 7	6	S136 and catheter and syringe	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:48
S13 8	6	S137 and seal$3	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:48
S13 9	18	(("5171216") or ("5665074") or ("5338314") or ("5352215") or ("20030060704") or ("5147321") or ("3998222") or ("6981977") or ("4578063") or ("6012451") or ("5300034") or ("5501674") or ("5163913") or ("5250038") or ("5954313") or ("5041087") or ("5676346") or ("5839715")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 08:09
S14 0	17	S139 and seal$3 and ("swivel" or mov$5)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 08:09
S14 1	10	S139 and seal$3 and ("swivel" or mov$5) and housing	US-PGPUB; USPAT	ADJ	ON	2007/08/29 08:10
S14 2	1	("5665074").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 14:48
S14 3	18	(("5171216") or ("5665074") or ("5338314") or ("5352215") or ("20030060704") or ("5147321") or ("3998222") or ("6981977") or ("4578063") or ("6012451") or ("5300034") or ("5501674") or ("5163913") or ("5250038") or ("5954313") or ("5041087") or ("5676346") or ("5839715")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 16:15

EAST Search History

S14 4	4	S143 and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/29 15:09
S14 5	622	604/43.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:18
S14 6	201	S145 and rotat$4	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:19
S14 7	375	S145 and (rotat$4 or swivel or mov$4)	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:21
S14 8	280	S147 and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:53
S14 9	92	S148 and syringe	US-PGPUB; USPAT	ADJ	ON	2007/08/29 16:21
S15 0	54	("3331371" | "3552441" | "3730170" | "4160454" | "4240433" | "4248234" | "4301797").PN. OR ("4705501").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 16:34
S15 1	2	"catheter port assembly".ti.	US-PGPUB; USPAT	ADJ	ON	2007/08/30 07:51
S15 2	818	604/246.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/30 07:52
S15 3	326	604/246.ccls. and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/30 07:52
S15 4	6	604/246.ccls. and catheter and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/30 07:54
S15 5	66221	"604".clas.	US-PGPUB; USPAT	ADJ	ON	2007/08/30 07:54
S15 6	21139	"604".clas. and catheter	US-PGPUB; USPAT	ADJ	ON	2007/08/30 07:54
S15 7	217	"604".clas. and catheter and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:02
S15 8	16024	"604".clas. and catheter and ("swivel" or rotat$4 or mov$5)	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:04
S15 9	8259	S158 and inject$3	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:04
S16 0	4305	S158 and inject$3 and syringe	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:05
S16 1	5376	S158 and inject$3 and seal$3	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:05
S16 2	3099	S158 and inject$3 and seal$3 and syringe	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:05
S16 3	1847	S158 and inject$3 and seal$3 and syringe and valve	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:06
S16 5	1422	S158 and inject$3 and seal$3 and syringe and valve and fluid and @ad<="20040310"	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:07

S16 6	595	S165 and vascular	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:46
S16 7	0	604/164.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:13
S16 8	0	604/167.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:13
S16 9	148	604/164.12.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:19
S17 0	0	"604".clas. and trifuracte	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:19
S17 1	15	"604".clas. and trifurcate	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:20
S17 2	855	housing near swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:47
S17 3	234	housing near swivel and valve	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:50
S17 4	32	housing near swivel and valve and "360"	US-PGPUB; USPAT	ADJ	ON	2007/08/30 08:50
S17 5	1	("5147321").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 08:52
S17 6	1	("4578063").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 09:01
S17 7	6	(("4578063") or ("6500156") or ("20040143225") or ("5810793") or ("5961493") or ("5755709")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 09:02
S17 8	4	S177 and housing	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:02

S17 9	76	(US-20030060704-$ or US-20060079832-$ or US-20050010177-$ or US-20020010436-$ or US-20020010425-$ or US-20030023208-$ or US-20070083262-$ or US-20040024381-$ or US-20040127853-$ or US-20040182393-$ or US-20020000253-$ or US-20020169420-$ or US-20040143225-$).did. or (US-5665074-$ or US-6981977-$ or US-5954313-$ or US-5501674-$ or US-5352215-$ or US-5338314-$ or US-5300034-$ or US-5250038-$ or US-5147321-$ or US-5171216-$ or US-4578063-$ or US-5041087-$ or US-3998222-$ or US-6972001-$ or US-6755806-$ or US-6632200-$ or US-6162196-$ or US-6007516-$ or US-5695478-$ or US-4846806-$ or US-6165168-$ or US-6142446-$ or US-5788215-$ or US-5374254-$ or US-5267982-$ or US-5360413-$). did. or (US-5269764-$ or US-4929235-$ or US-4332369-$ or US-6106487-$ or US-5163902-$ or US-5158569-$ or US-5129887-$ or US-5092854-$ or US-4874378-$ or US-4838873-$ or US-5084023-$ or US-4045058-$ or US-6090078-$ or US-6379333-$ or US-4106491-$ or US-6508790-$ or US-5261887-$ or US-3916948-$ or US-5395348-$ or US-6364170-$ or US-4496348-$ or US-5658260-$ or US-5351383-$ or US-5400500-$ or US-4318401-$ or US-6017327-$ or US-6579263-$). did. or (US-6802825-$ or US-3826257-$ or US-4164221-$ or US-5217435-$ or US-4654033-$ or US-4844092-$ or US-5755709-$ or US-5006114-$ or US-5522548-$). did. or (US-20070161958-$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/30 13:06
S18 0	65	S179 and seal$3	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/30 09:18
S18 1	3	S179 and seal$3 near inject$3	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/30 09:18

EAST Search History

S182	1	("5810793").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 09:53
S183	0	S179 and S182	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:20
S184	75	S179	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:47
S185	13	S179 and (self near sealing)	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:47
S186	37	S179 and luer	US-PGPUB; USPAT	ADJ	ON	2007/08/30 09:54
S187	1	S179 and (luer near catheter)	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:08
S188	1	("4578063").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:15
S189	206	swivel near "360 degree"	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:10
S190	63	("4578063").URPN.	USPAT	ADJ	ON	2007/08/30 10:12
S191	0	S190 and swivel	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:12
S192	63	S190	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:12
S193	1	("5810793").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:41
S194	1	("5755709").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 10:22
S195	0	S179 and (disk near check)	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:22
S196	16	S179 and check	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:25
S197	0	S179 and check near cylindri$3	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:25
S198	0	S179 and (check near cylindri$3)	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:25
S199	0	S179 and (check near cylin$)	US-PGPUB; USPAT	ADJ	ON	2007/08/30 10:25
S200	1	S179 and (guide and catheter and sensor)	US-PGPUB; USPAT	ADJ	ON	2007/08/30 11:07
S201	9	S179 and "balloon catheter"	US-PGPUB; USPAT	ADJ	ON	2007/08/30 11:08
S202	1	("5755709").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/30 13:06
S203	1	S202 and ("check" near "housing")	US-PGPUB; USPAT	ADJ	ON	2007/08/30 13:08

EAST Search History

S20 4	1	S202 and ("check" near10 "housing")	US-PGPUB; USPAT	ADJ	ON	2007/08/30 13:08
S20 5	1	("4578063").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/31 07:37
S20 6	1	("5810793").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/31 07:37
S20 7	150	(US-20030060704-$ or US-20060079832-$ or US-20050010177-$ or US-20020010436-$ or US-20020010425-$ or US-20030023208-$ or US-20070083262-$ or US-20040024381-$ or US-20040127853-$ or US-20040182393-$ or US-20020000253-$ or US-20020169420-$ or US-20040143225-$).did. or (US-5665074-$ or US-6981977-$ or US-5954313-$ or US-5501674-$ or US-5352215-$ or US-5338314-$ or US-5300034-$ or US-5250038-$ or US-5147321-$ or US-5171216-$ or US-4578063-$ or US-5041087-$ or US-3998222-$ or US-6972001-$ or US-6755806-$ or US-6632200-$ or US-6162196-$ or US-6007516-$ or US-5695478-$ or US-4846806-$ or US-6165168-$ or US-6142446-$ or US-5788215-$ or US-5374254-$ or US-5267982-$ or US-5360413-$). did. or (US-5269764-$ or US-4929235-$ or US-4332369-$ or US-6106487-$ or US-5163902-$ or US-5158569-$ or US-5129887-$ or US-5092854-$ or US-4874378-$ or US-4838873-$ or US-5084023-$ or US-4045058-$ or US-6090078-$ or US-6379333-$ or US-4106491-$ or US-6508790-$ or US-5261887-$ or US-3916948-$ or US-5395348-$ or US-6364170-$ or US-4496348-$ or US-5658260-$ or US-5351383-$ or US-5400500-$ or US-4318401-$ or US-6017327-$ or US-6579263-$). did. or (US-6802825-$ or US-3826257-$ or US-4164221-$ or US-5217435-$ or US-4654033-$ or US-4844092-$ or US-5755709-$ or US-5006114-$ or US-5522548-$). did. or (US-20070161958-$).did.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/31 11:41

EAST Search History

S20 8	3899318	L	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/31 08:55
S20 9	13	S207 and swivel	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/08/31 09:32
S21 0	1	("5755709").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/31 10:24
S21 1	1	("5954313").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/31 10:25
S21 2	0	S211 and "catheter" near "luer"	US-PGPUB; USPAT	ADJ	ON	2007/08/31 10:25
S21 3	1	S211 and "luer"	US-PGPUB; USPAT	ADJ	ON	2007/08/31 10:27
S21 4	0	"L29" and ("luer" near "catheter")	US-PGPUB; USPAT	ADJ	ON	2007/08/31 10:27
S21 5	1	S207 and ("luer" near "catheter")	US-PGPUB; USPAT	ADJ	ON	2007/08/31 10:27
S21 6	1	("4929235").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/31 11:42

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L11	3	L7 and syringe	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:50
L12	46	L7 and fluid	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:50
L10	1	L7 and luer	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:49
L7	213	L6 and ("swivel" or "twist" or "rotate")	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:49
L9	0	L7 and valve	US-PGPUB; USPAT	ADJ	ON	2007/09/04 09:48
L6	11704	L5 and catheter	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:48
L5	362542	"vascular" or "vessel"	FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/09/04 09:47